

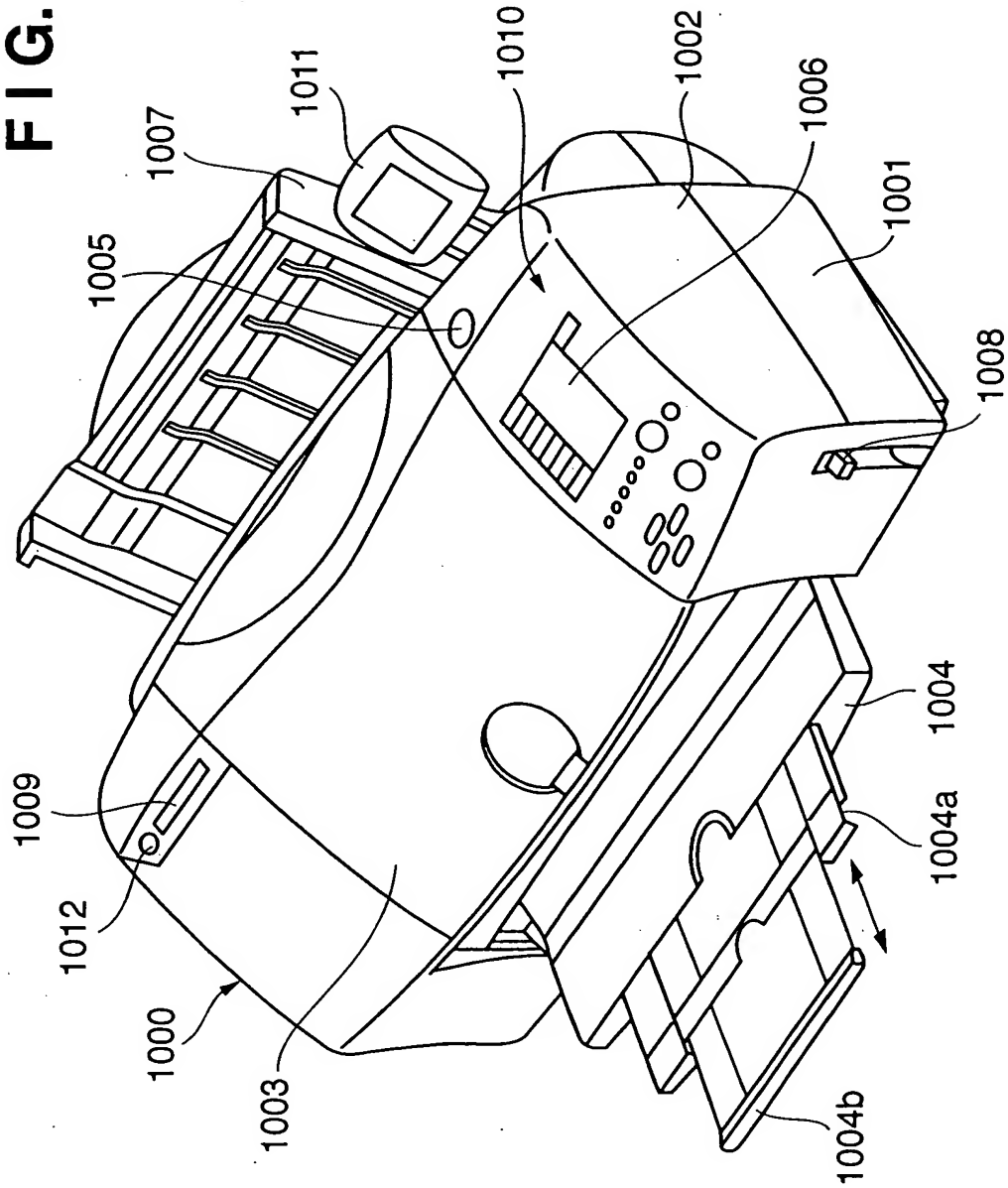
FIG. 1

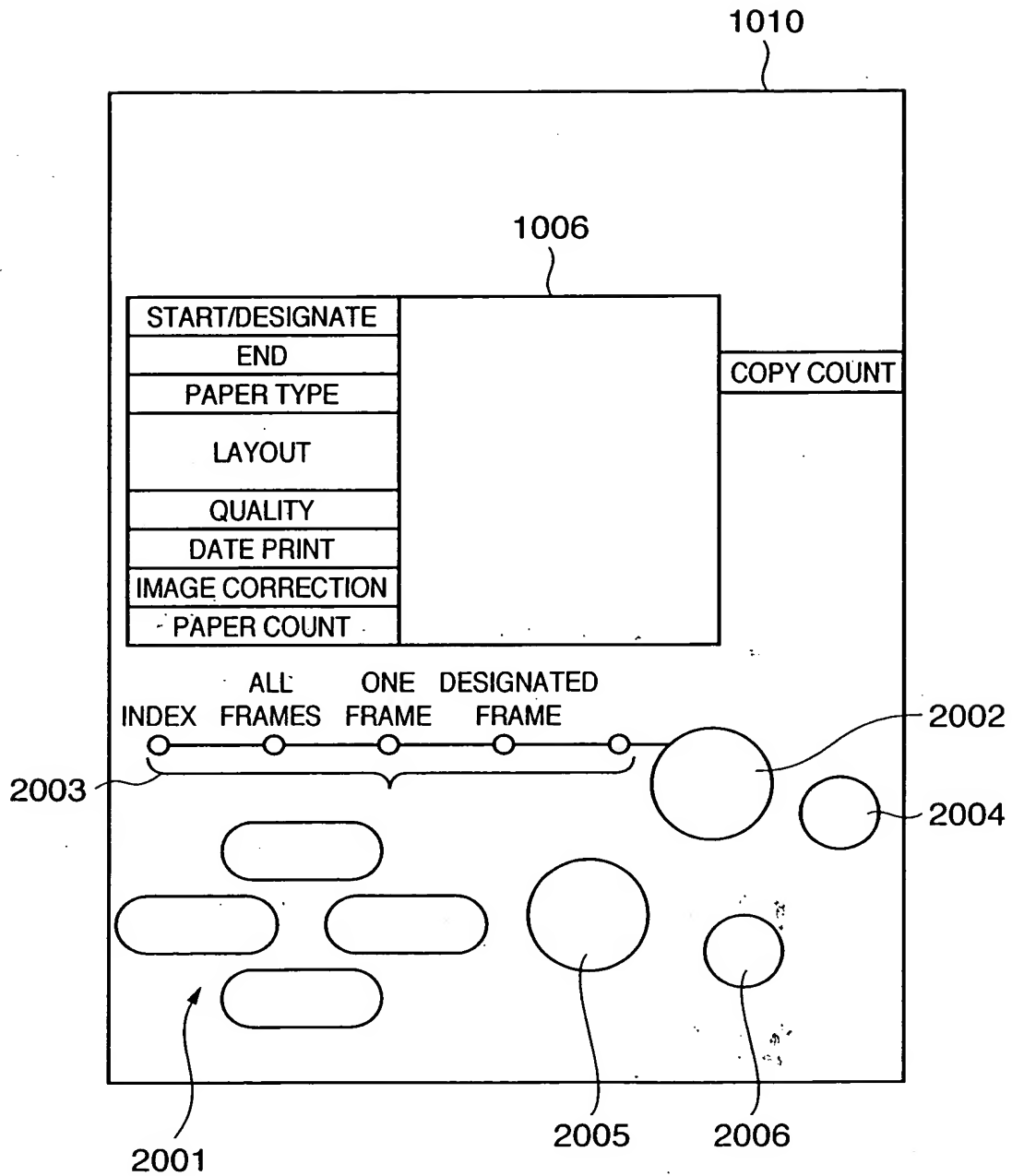
FIG. 2

FIG. 3

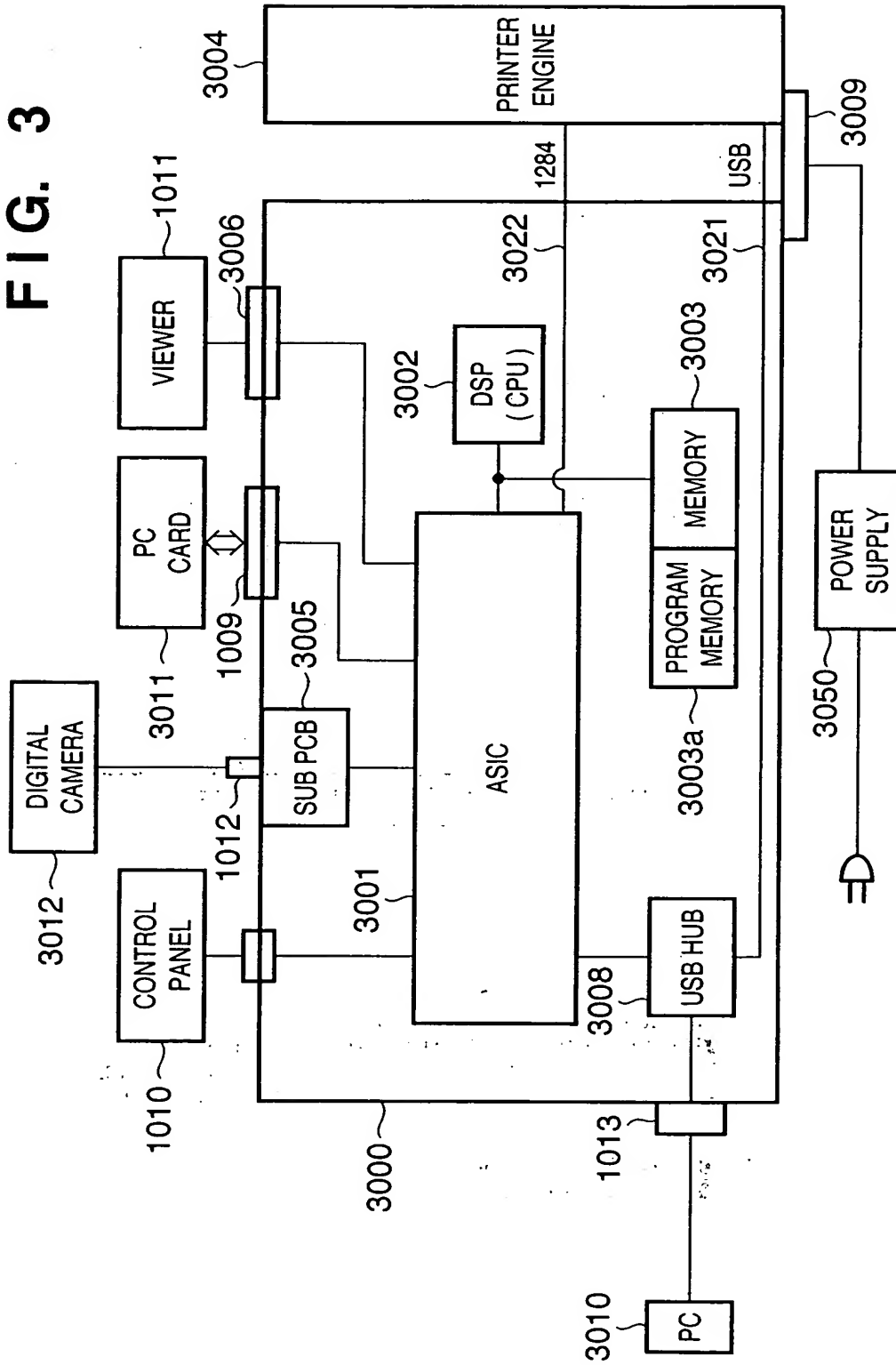


FIG. 4

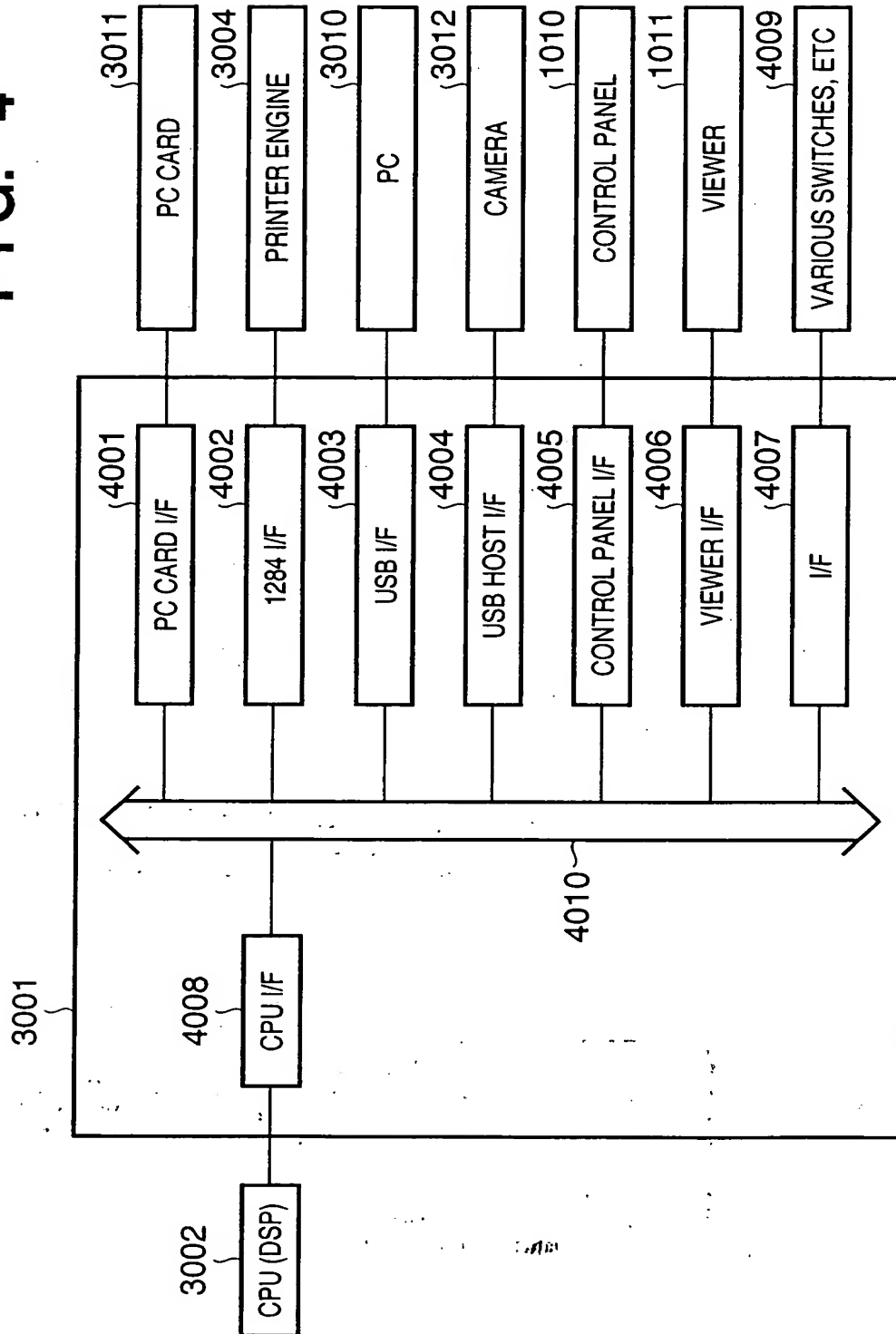


FIG. 5

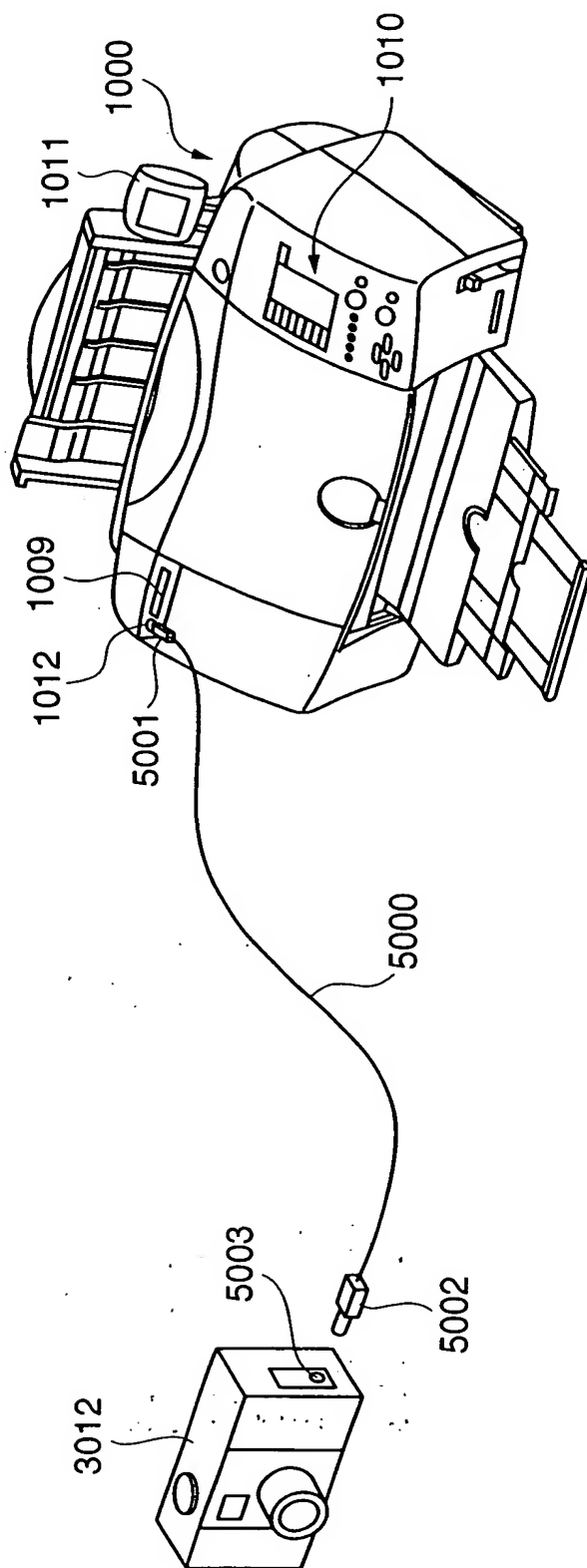
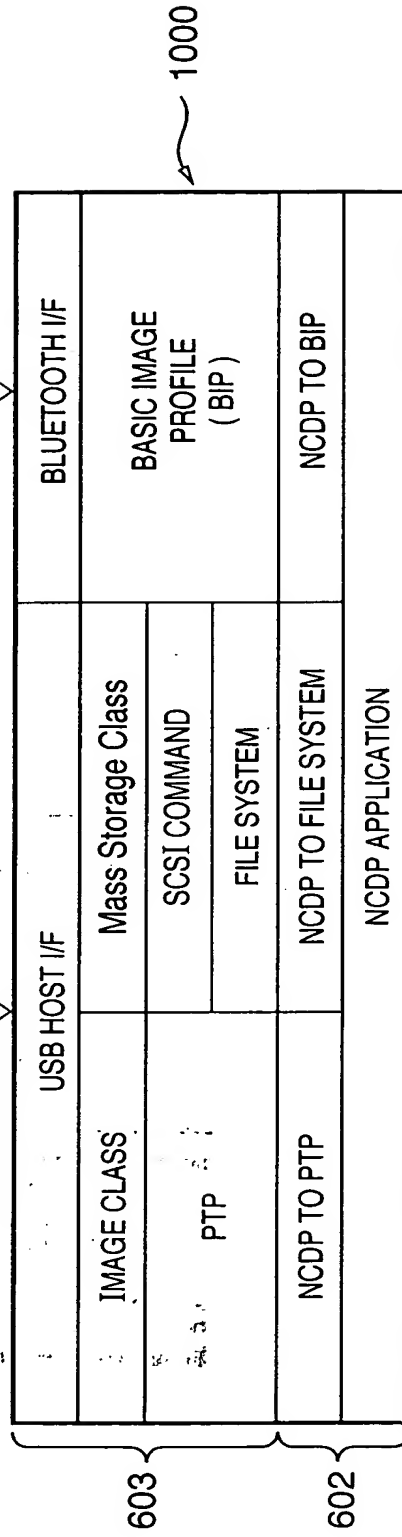
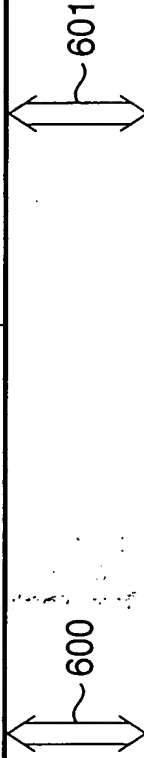
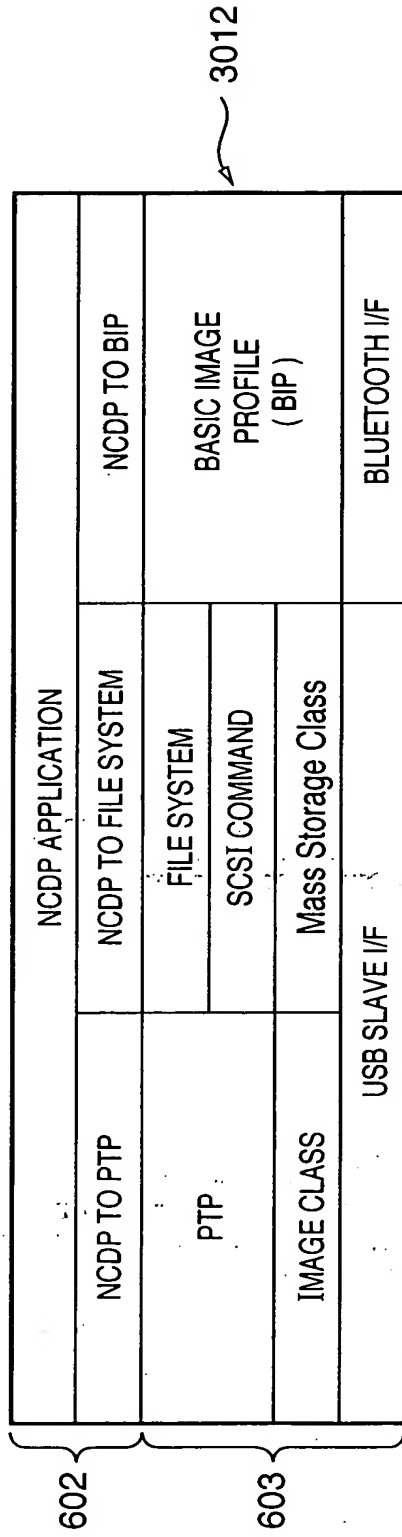


FIG. 6

DSC



PD PRINTER

FIG. 7

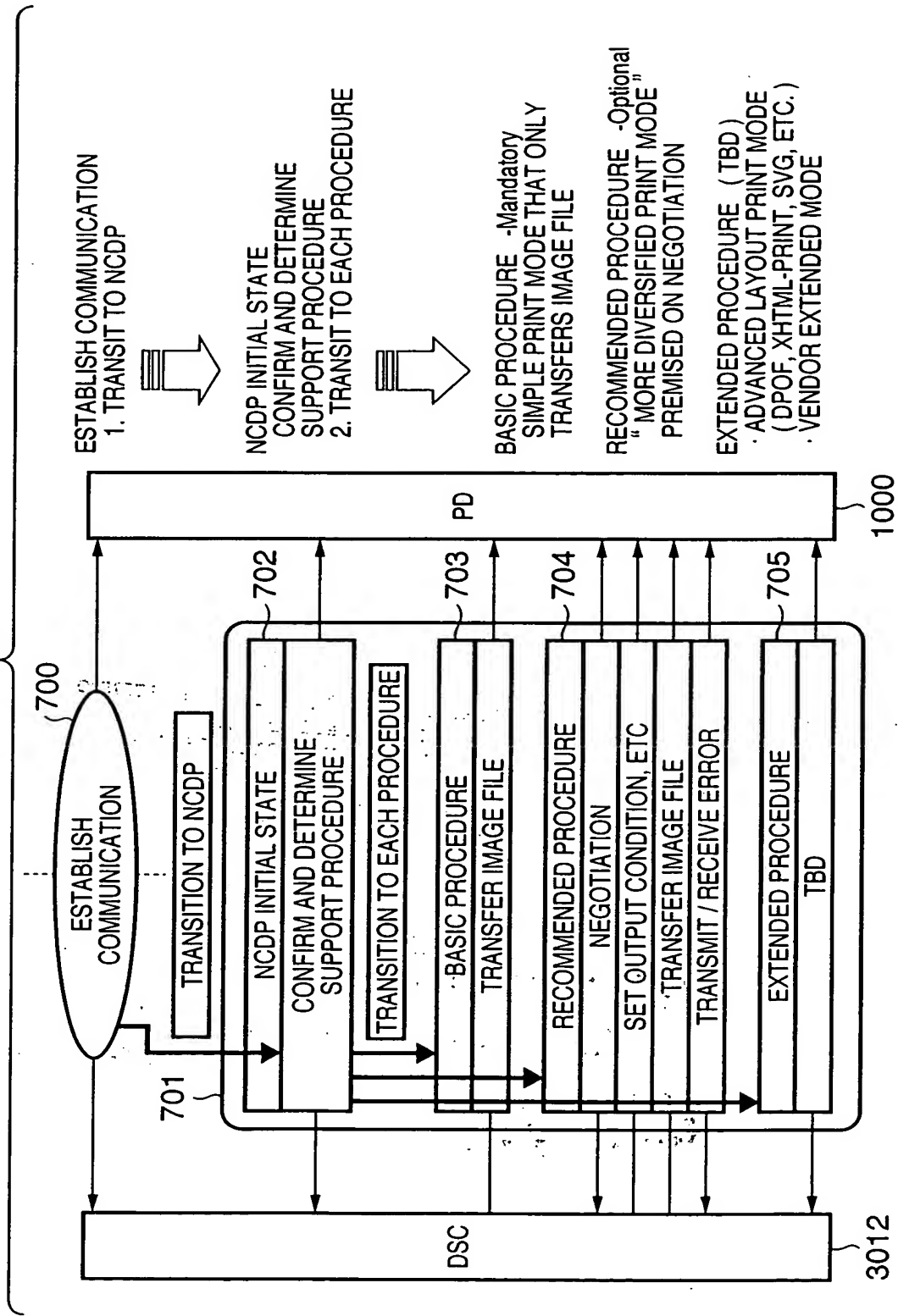


FIG. 8

SOURCE	FUNCTION NAME	COMPATIBLE MODE			FUNCTION
		BASIC	RECOMMENDED	EXTENDED	
PRINTER	NCDPStart	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	TRANSITION TO NCDP
	ProcedureStart	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	TRANSITION TO EACH MODE (BASIC, RECOMMENDED, EXTENDED)
	NCDPEnd	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	TERMINATE FROM NCDP
	Capability		<input type="radio"/>		NOTIFY PRINTER FUNCTION (IF NEGOTIATION IS REQUIRED)
	GetImage	<input type="radio"/>	<input type="radio"/>		ACQUIRE IMAGE (JPEG, ETC.) FROM DSC
	StatusSend		<input type="radio"/>		NOTIFY ERROR STATUS
	PageStart		<input type="radio"/>		NOTIFY PRINT START (UPON FEEDING SHEET FOR EACH PAGE)
	PageEnd		<input type="radio"/>		NOTIFY PRINT END (UPON DISCHARGING SHEET FOR EACH PAGE)
	JobEnd		<input type="radio"/>		NOTIFY END OF PRINT JOB
DSC	JobStart	<input type="radio"/>	<input type="radio"/>		PRINT COMMAND
	JobAbort		<input type="radio"/>		PRINT ABORT COMMAND
	JobContinue		<input type="radio"/>		PRINT RESTART COMMAND

FIG. 9

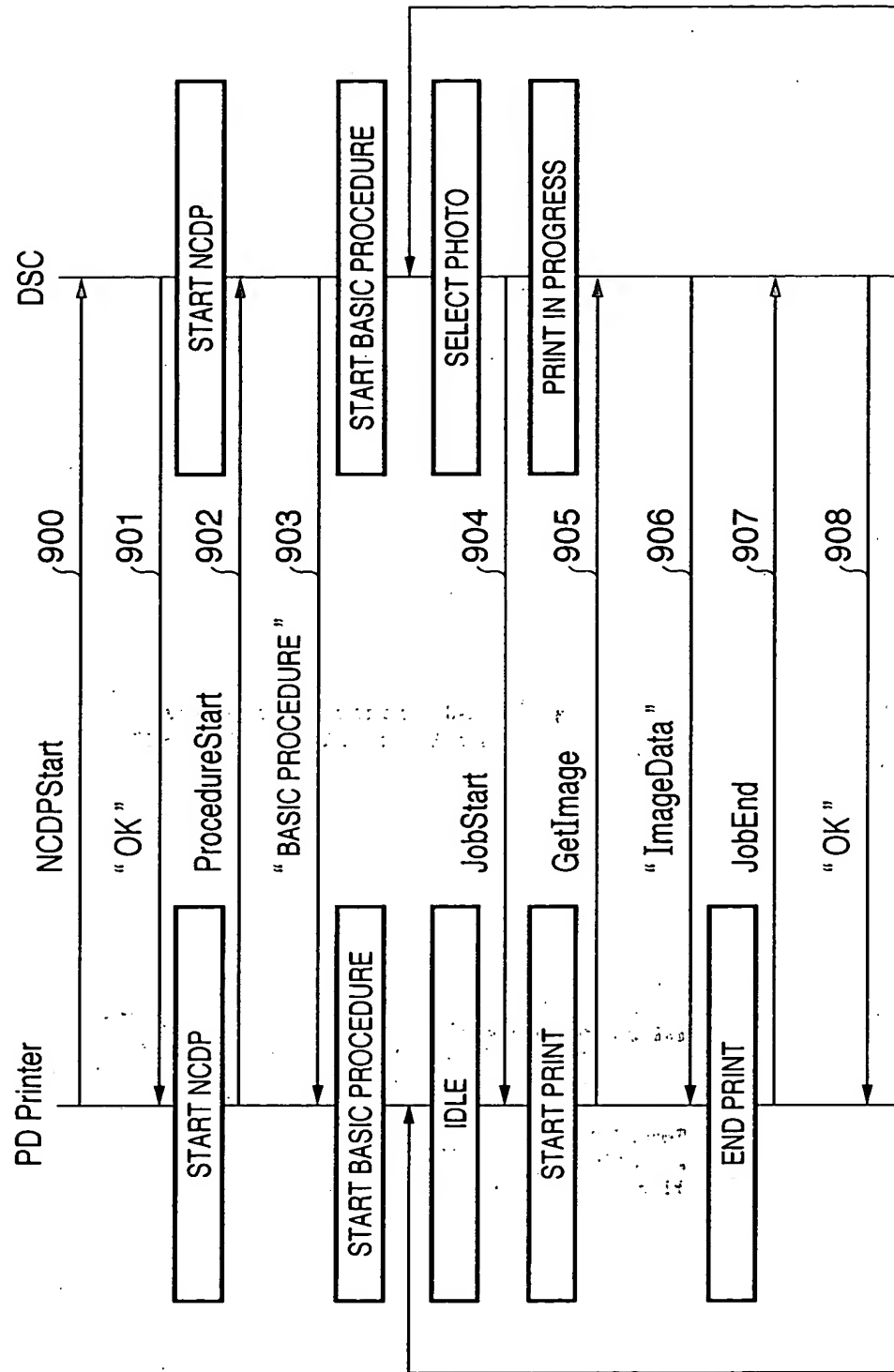


FIG. 10

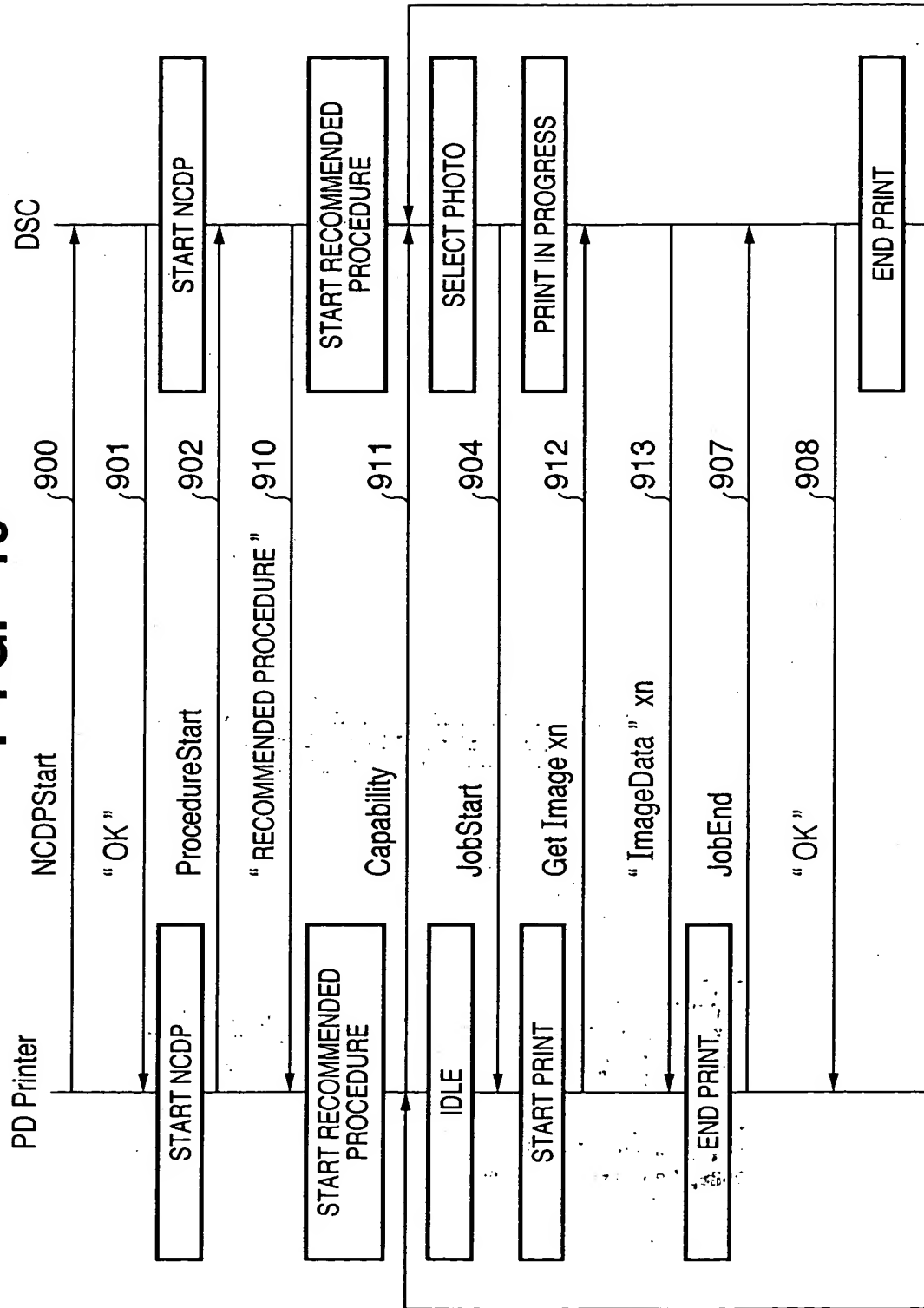


FIG. 11

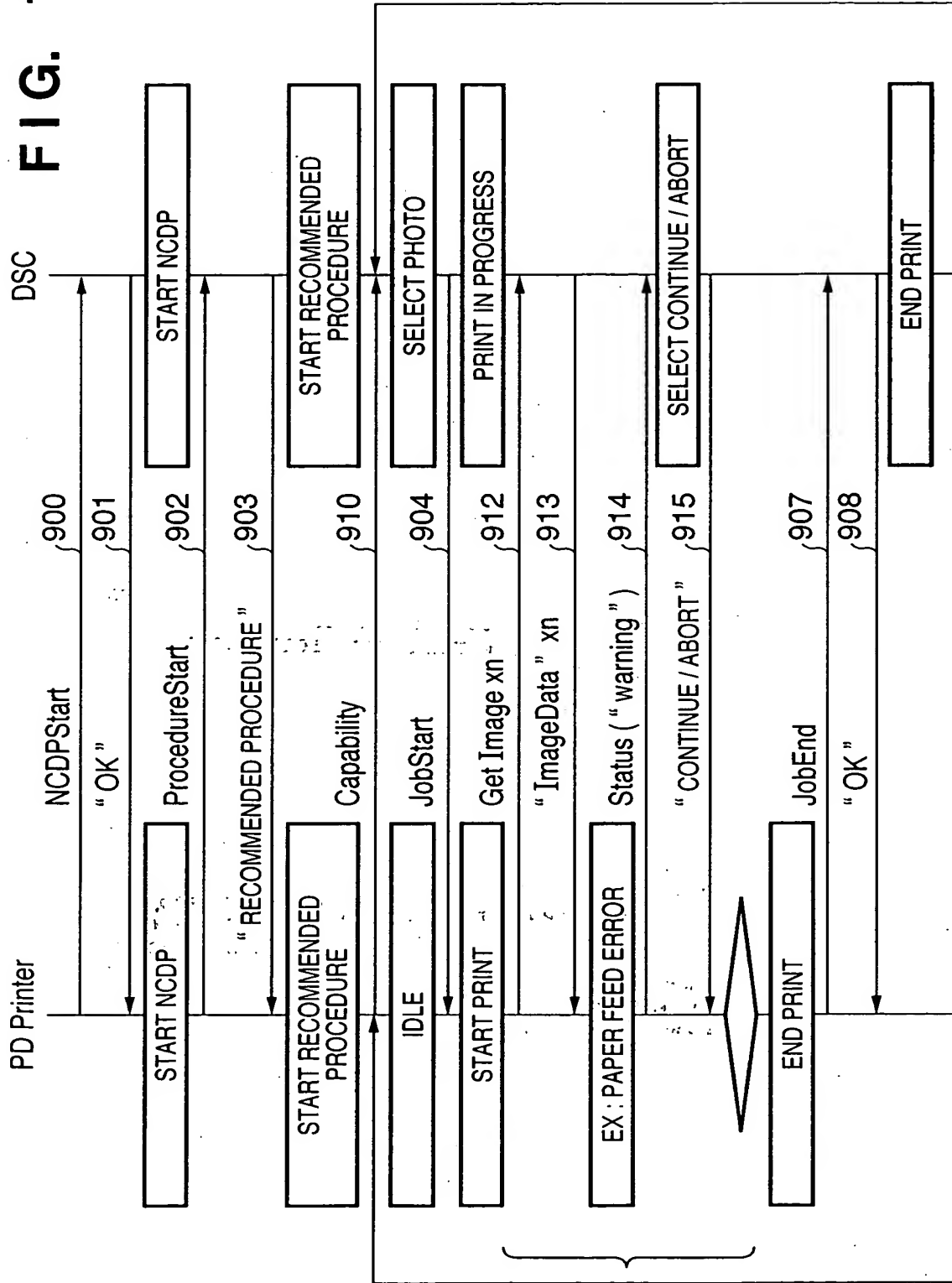


FIG. 12

<CAPABILITY>	DESCRIBE CONTENTS OF CAPABILITY
ITEMS THAT DO NOT REQUIRE NEGOTIATION	
<Quality=Draft, Normal, Fine>	
<PaperSize=L, 2L, Card, Wallet, 4x6, A4, Letter, ...>	
<PaperType=Plain, Photo>	
ITEMS THAT REQUIRE NEGOTIATION	
<ImageType=Tiff, jpeg, BMP, ...>	
<Date=On, Off>	
<FileName = On, Off>	
<Layout=PAPER SIZE / LAYOUT1, ..., INDEX(NxM)>	
<Layout=L / Borderless, 1x1, 1x2, 2x2, INDEX(3x5)>	
<Layout=2L / Borderless, 1x1, 1x2, 2x2, INDEX(5x7)>	
<Layout=Card / Borderless, 1x1, 1x2, INDEX(2x3)>	
...	
<Layout=Letter / Borderless, 1x1, 1x2, 2x2, 2x4, 4x4, INDEX(8x10)>	
<ImageOptimize=On, Off>	• IMAGE CORRECTION (On, Off)
<SizePerPicture=3MByte>	• OUTPUTTABLE IMAGE SIZE
<Option>	• DESCRIPTION OF OPTION
<Vender=Ganon, HP, SONY, ...>	• VENDOR NAME
<ImageOptimize=DIPS, Auto, On, APP, Vivid, Off, ...>	• VENDOR UNIQUE SPECIFICATION (IMAGE CORRECTION)
<Trimming=(X, Y, W, H)>	• VENDOR UNIQUE SPECIFICATION (TRIMMING)
...	
<Option>	
</CAPABILITY>	

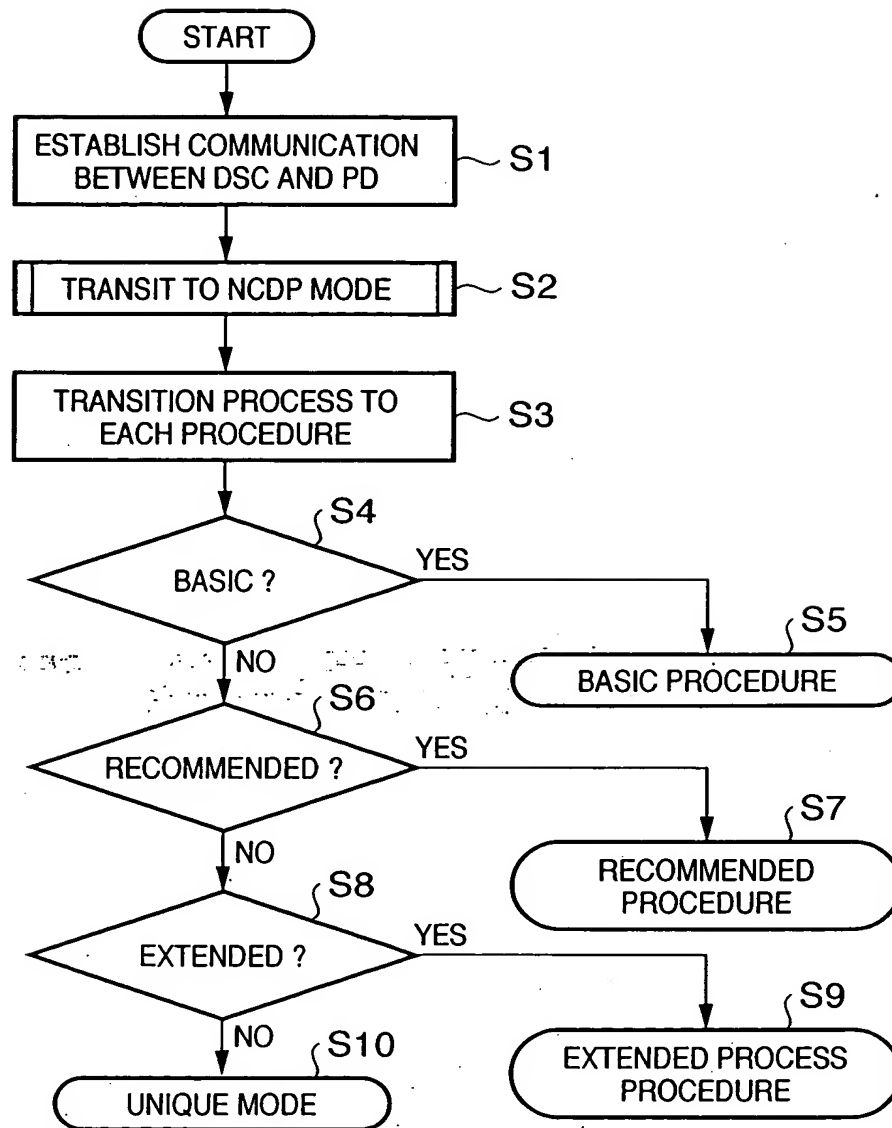
FIG. 13

FIG. 14

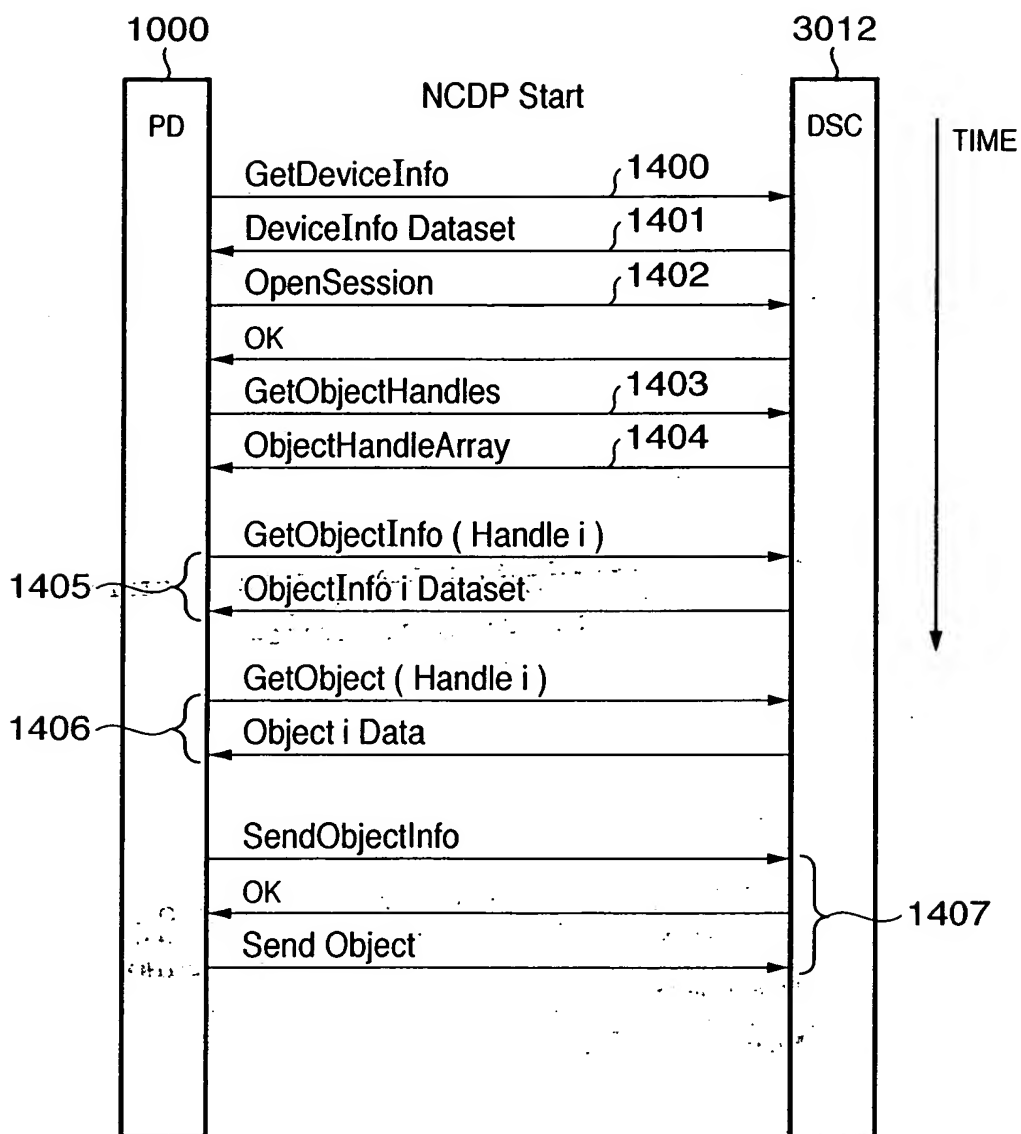


FIG. 15

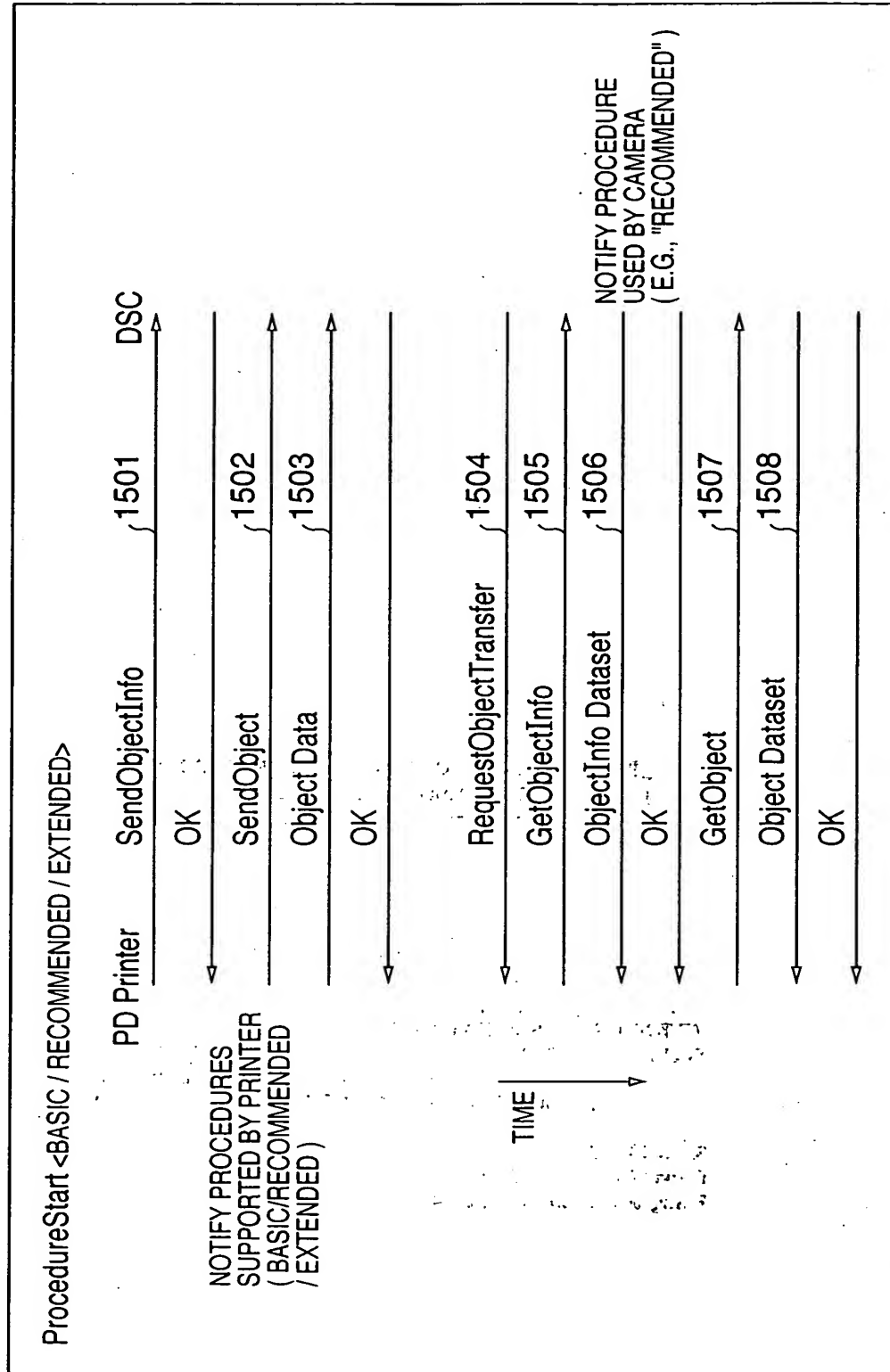


FIG. 16

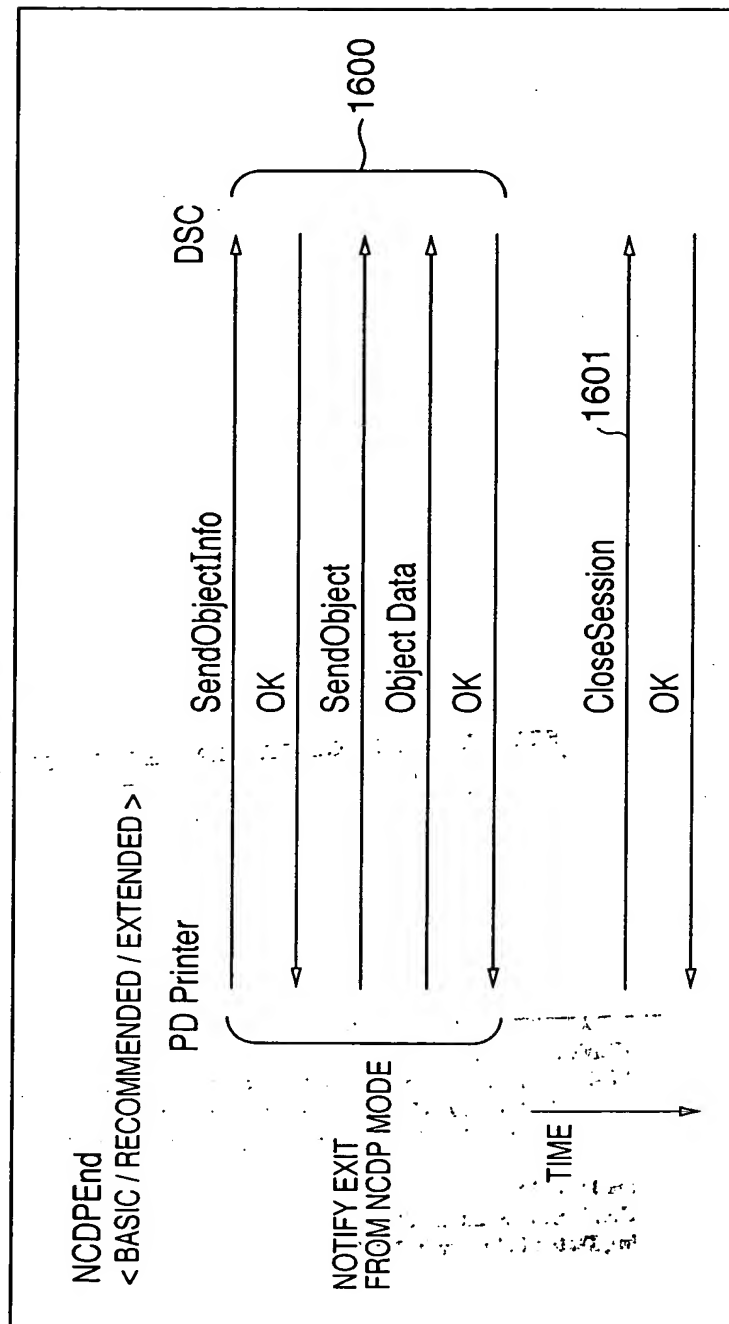


FIG. 17

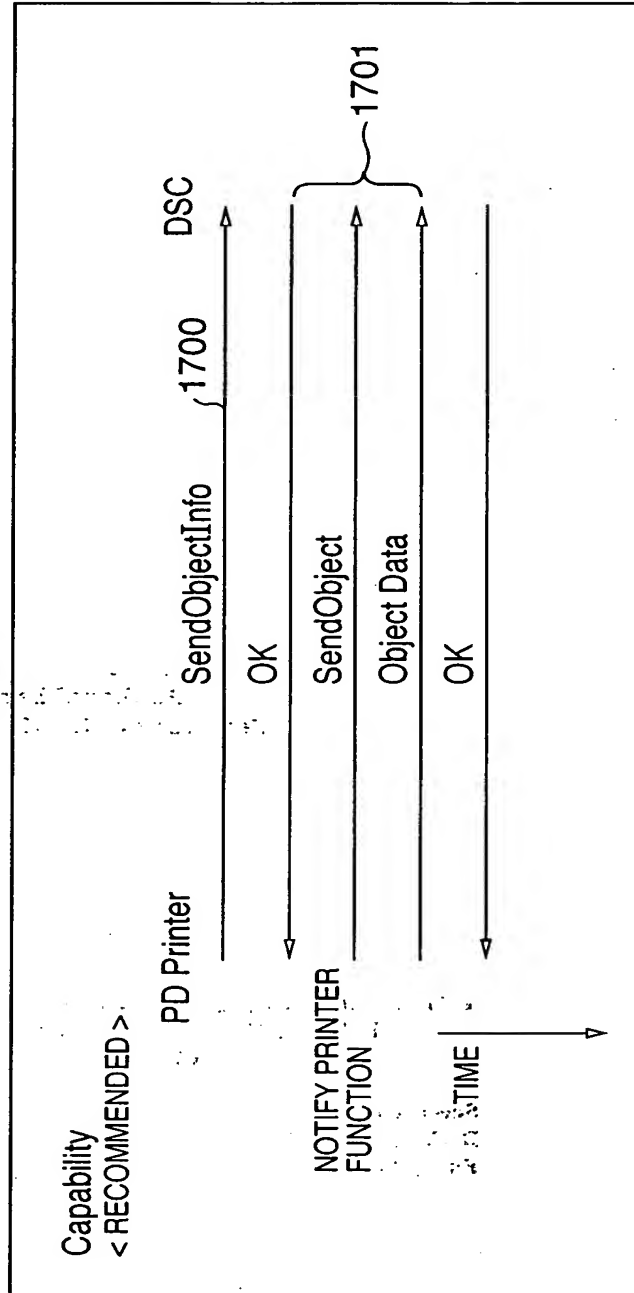


FIG. 18

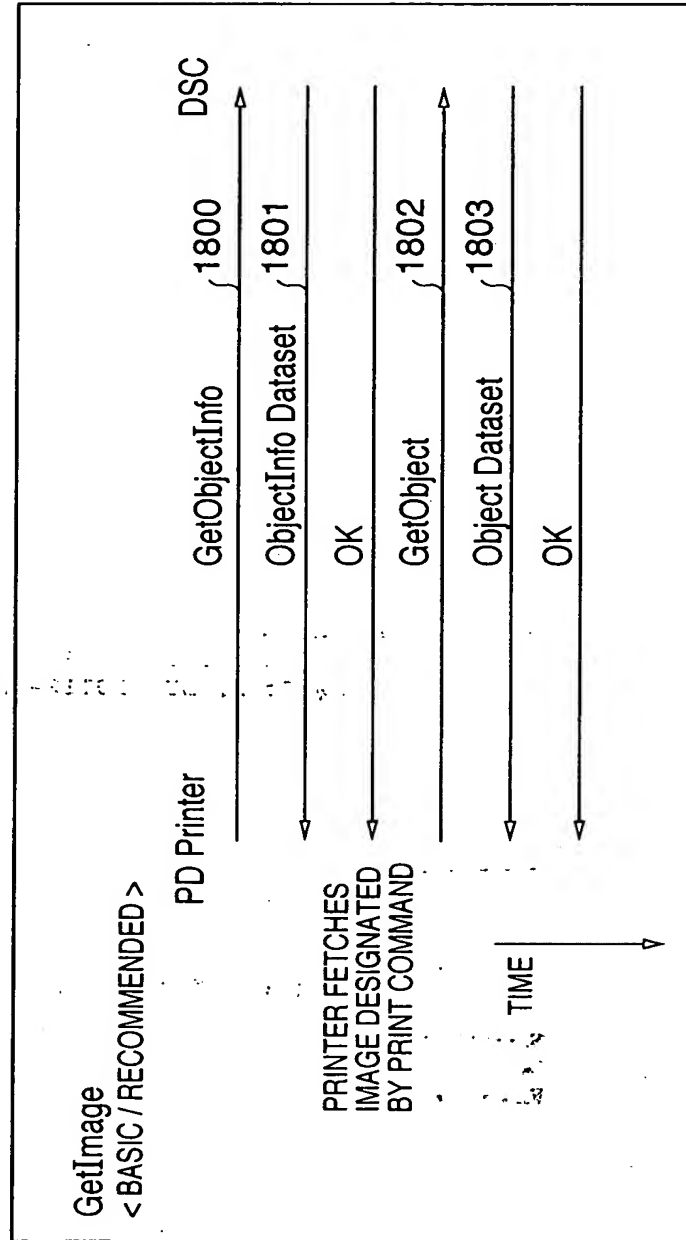


FIG. 19

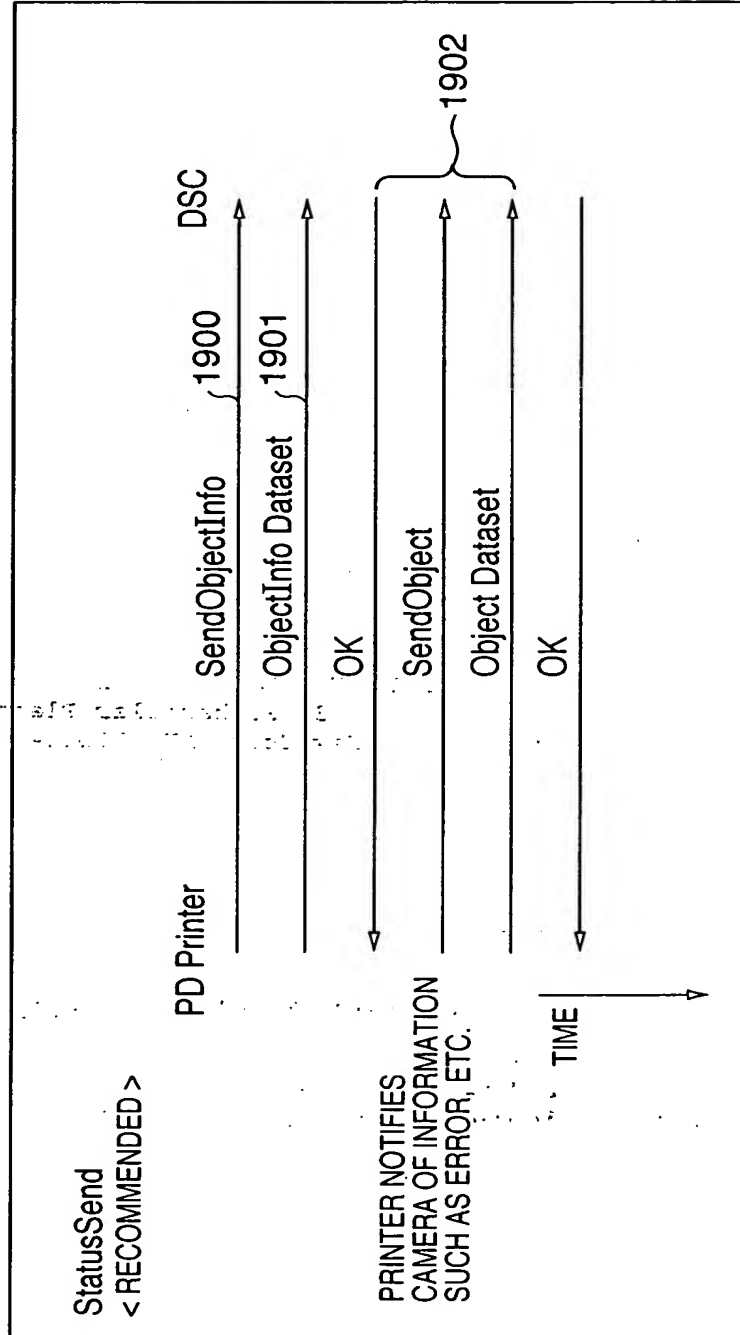


FIG. 20

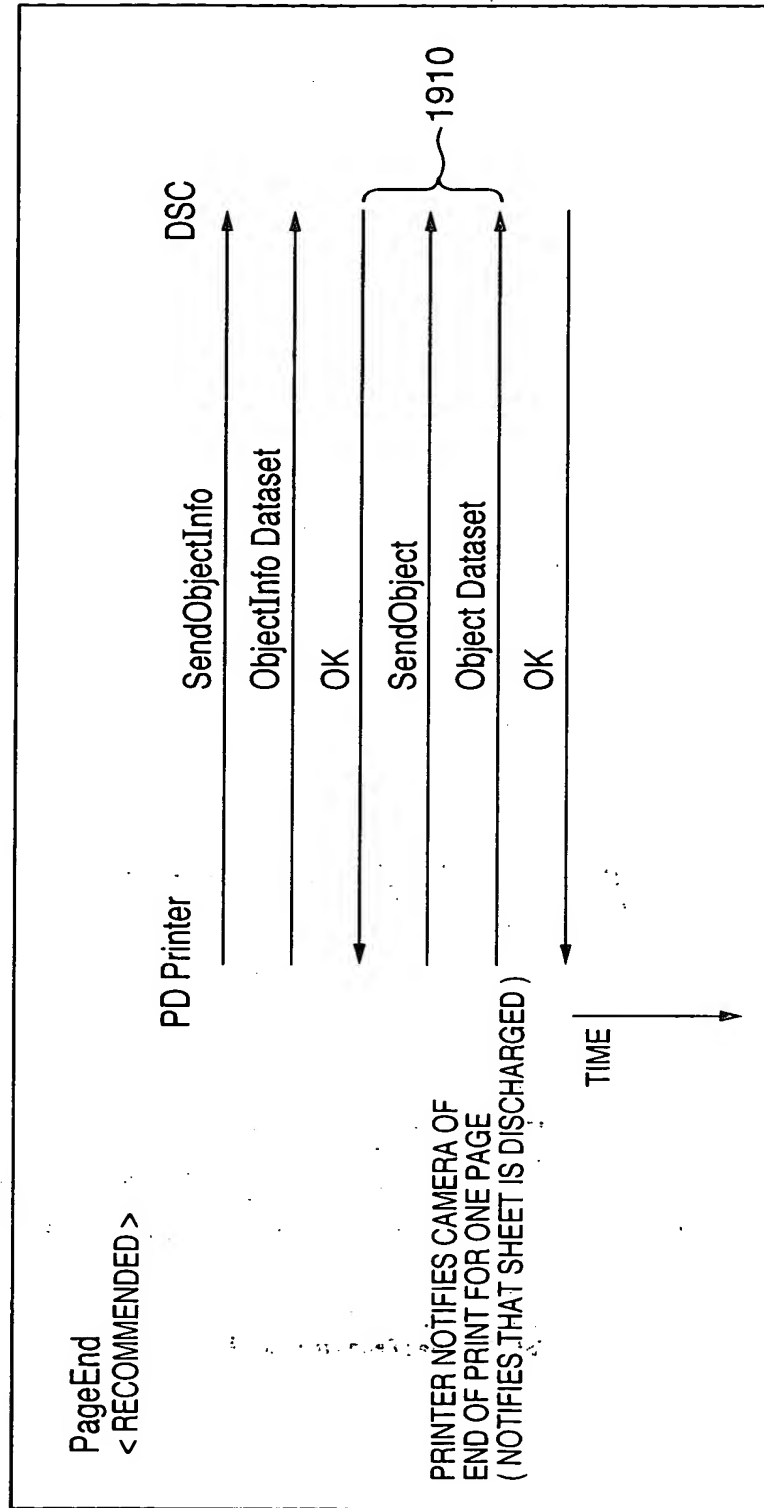


FIG. 21

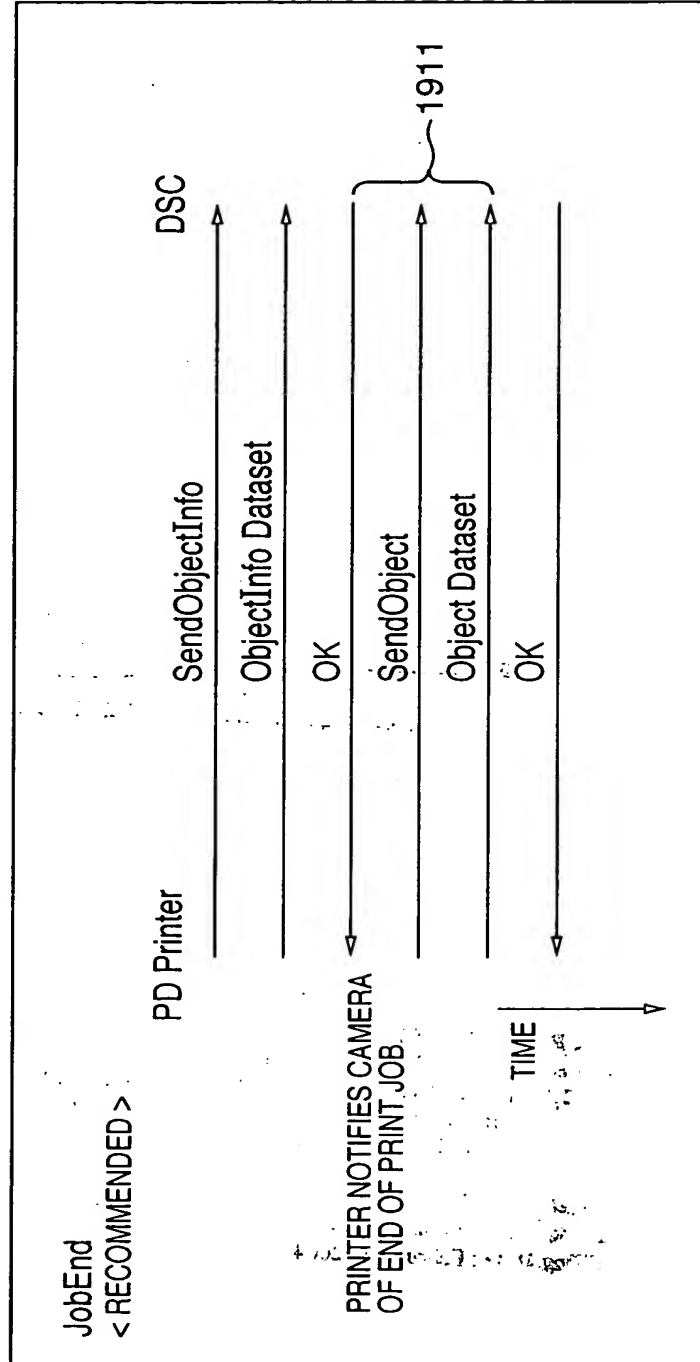


FIG. 22

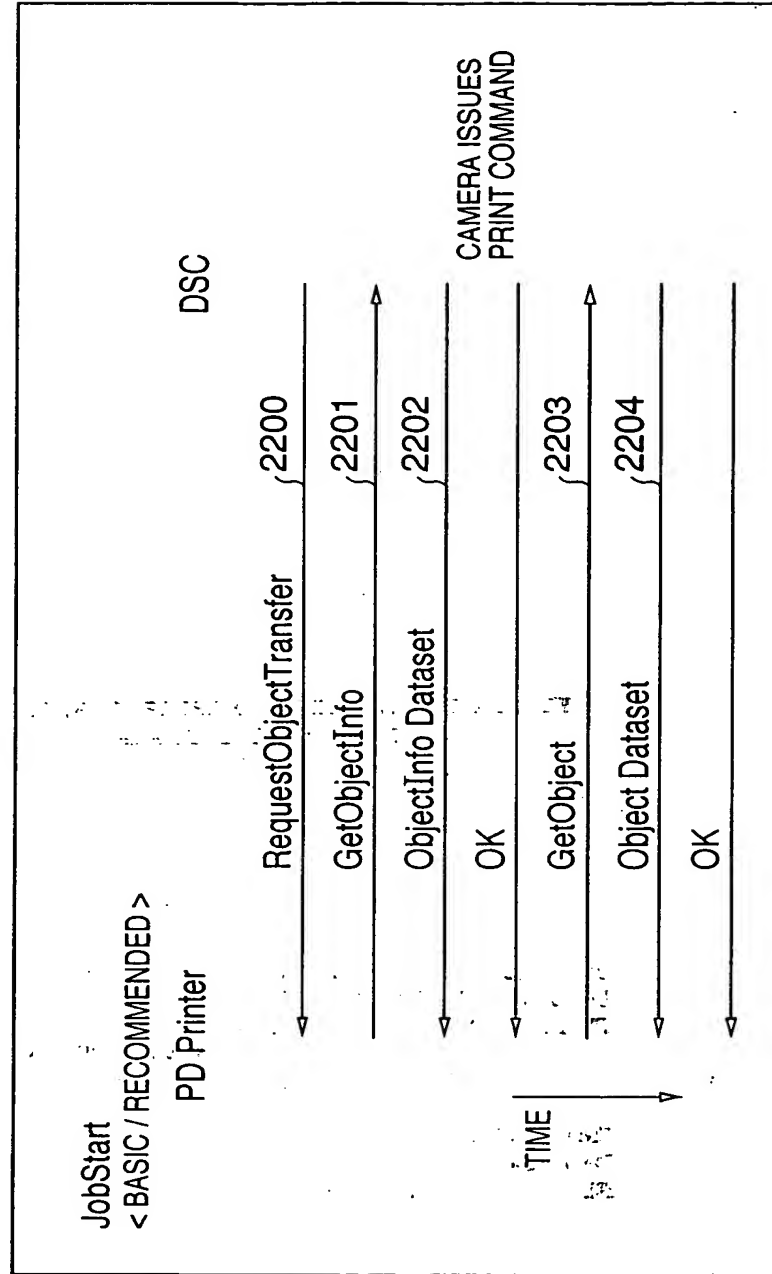


FIG. 23

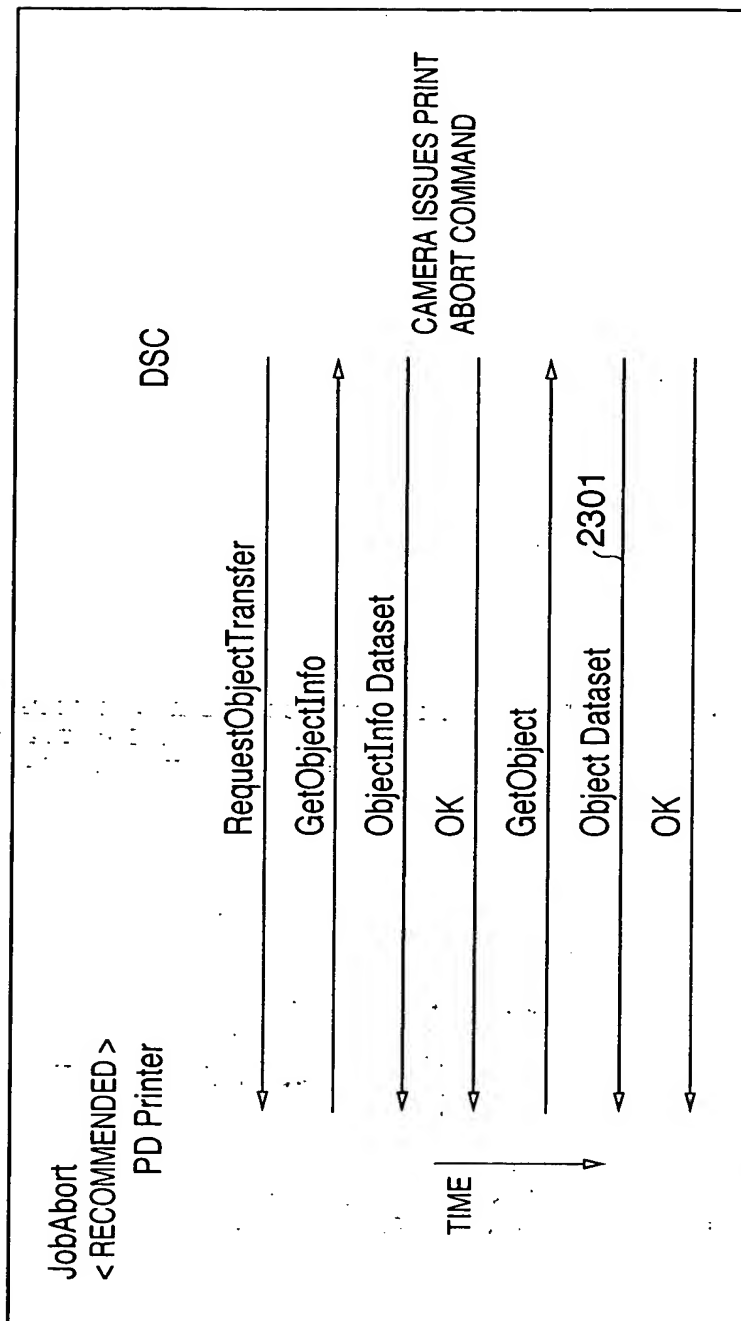


FIG. 24

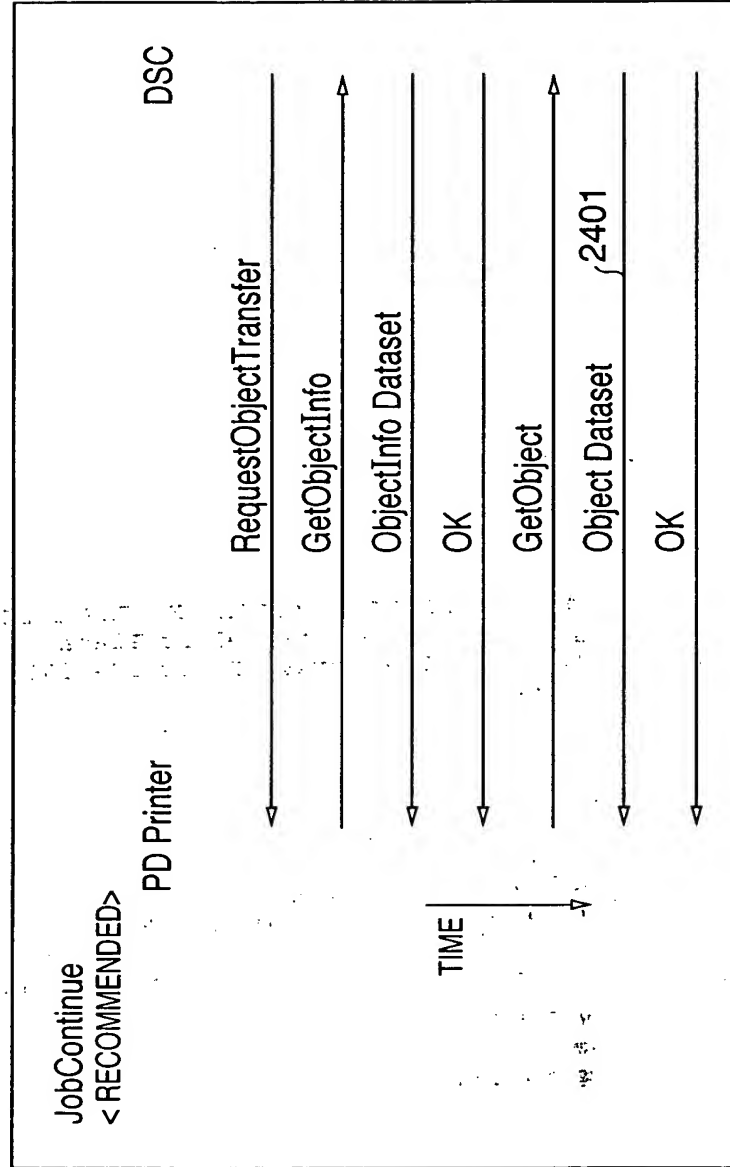


FIG. 25

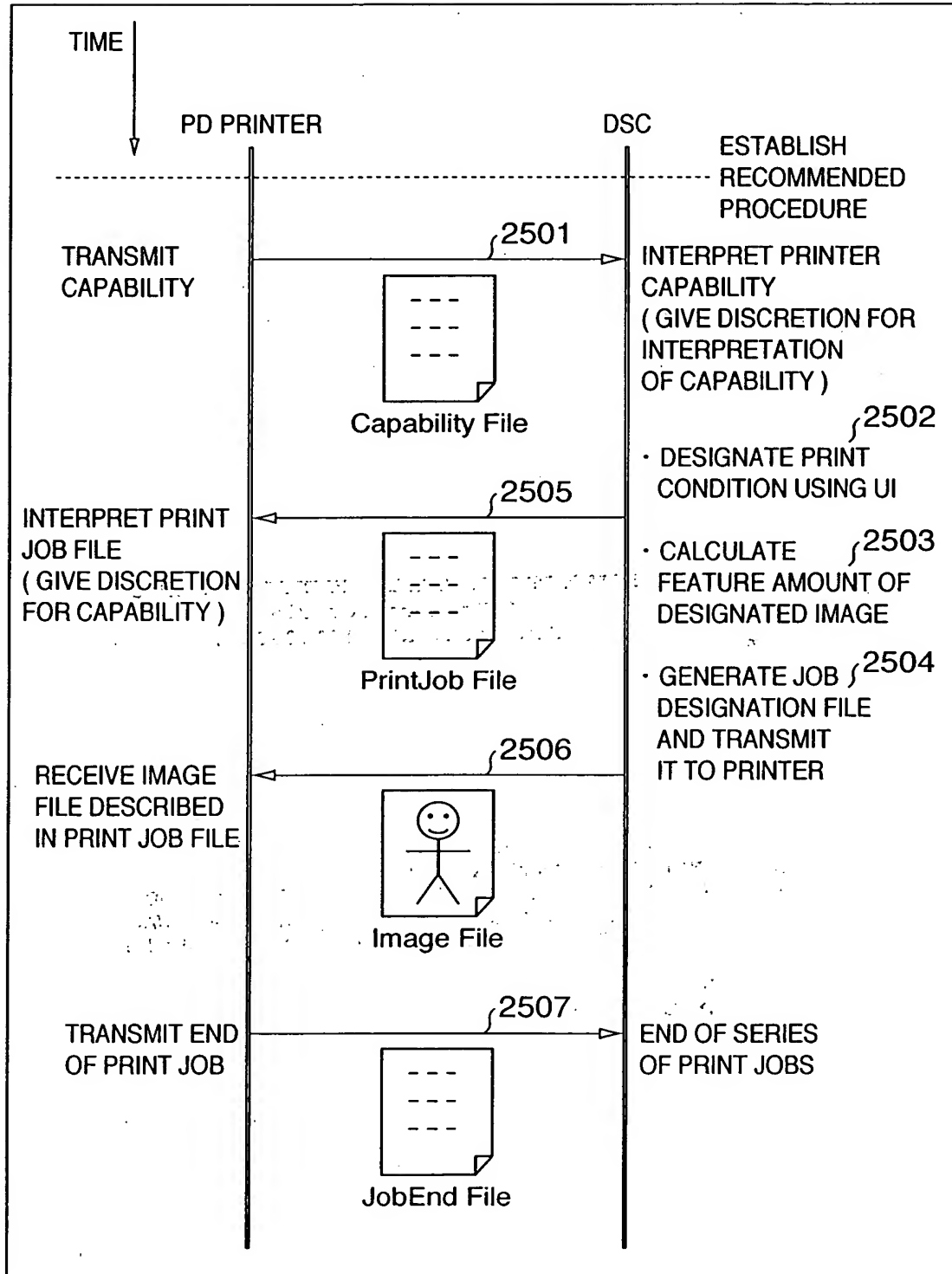


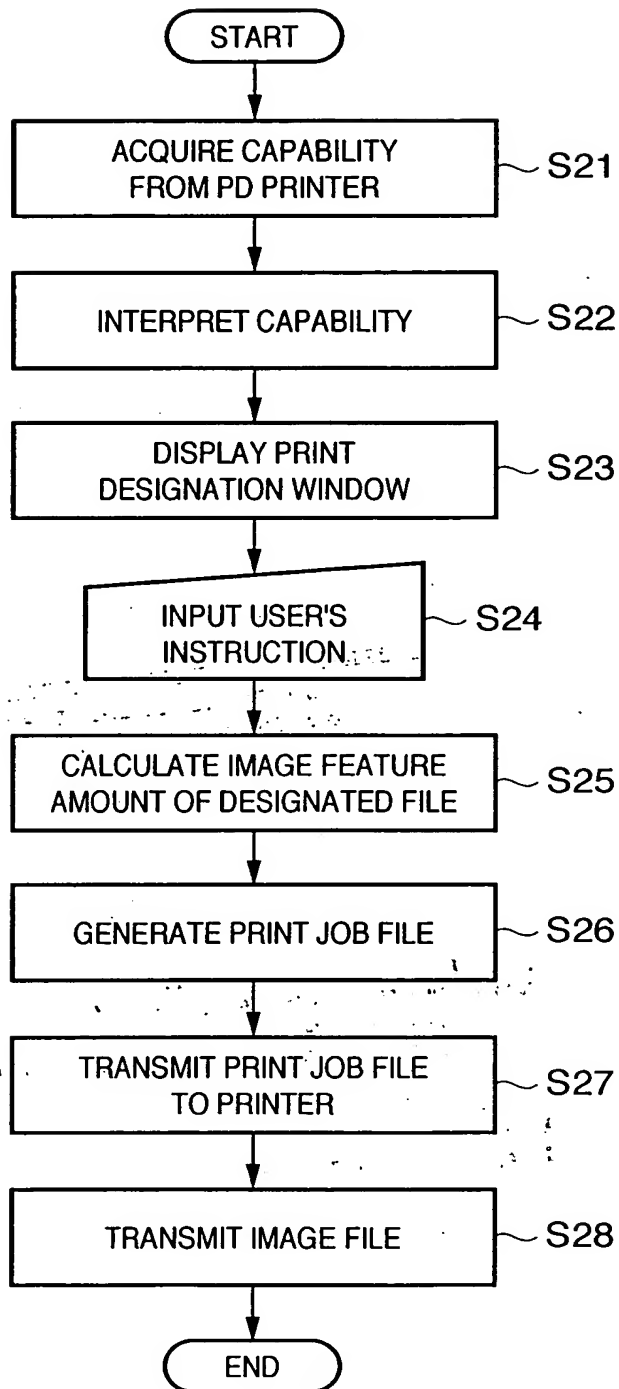
FIG. 26

FIG. 27

```
< ?xml version = "1.0"? >  
  < input >  
    < startJob >  
      < jobConfig >  
        < imageOptimize > 81FF0108 < /imageOptimize >  
      < /jobConfig >  
      < printInfo >  
        < fileID > 0001 < /fileID >  
      < /printInfo >  
      < histogramInfo >  
        < fileID > H0001 < /fileID >  
      < /histogramInfo >  
    < /startJob >  
  < /input >  
< /dps >
```

FIG. 28

```
< ?xml version = "1.0"? >
< input >
  < startJob >
    < jobConfig >
      < imageOptimize > 81FF0108 < /imageOptimize >
    < /jobConfig >
    < printInfo >
      < fileID > 0001 < /fileID >
    < /printInfo >
    < histogramInfo >
      < histogramData >
        0100000050806.....
      < /histogramData >
    < /histogramInfo >
  < /startJob >
< /input >
< / dps >
```

FIG. 29

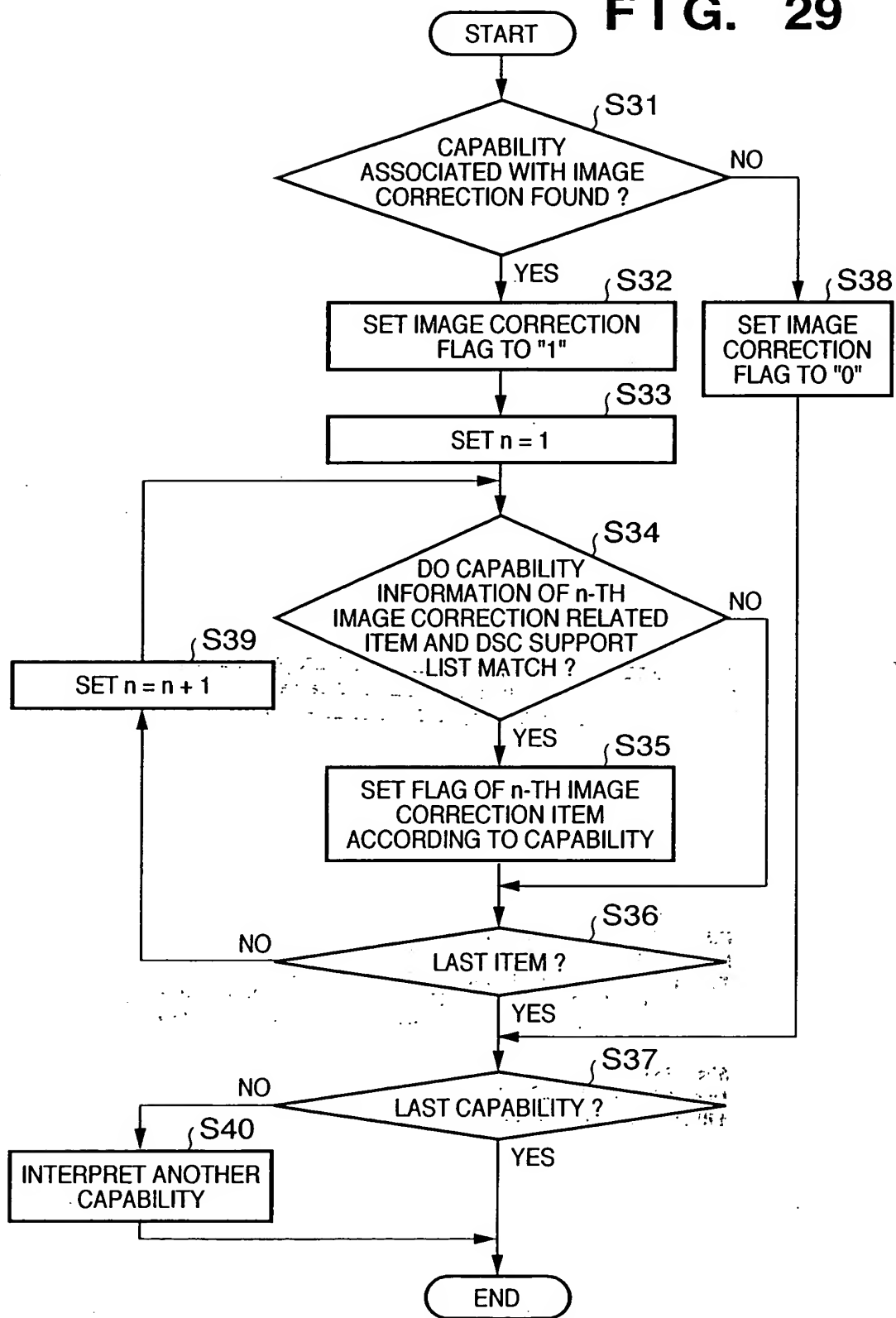


FIG. 30

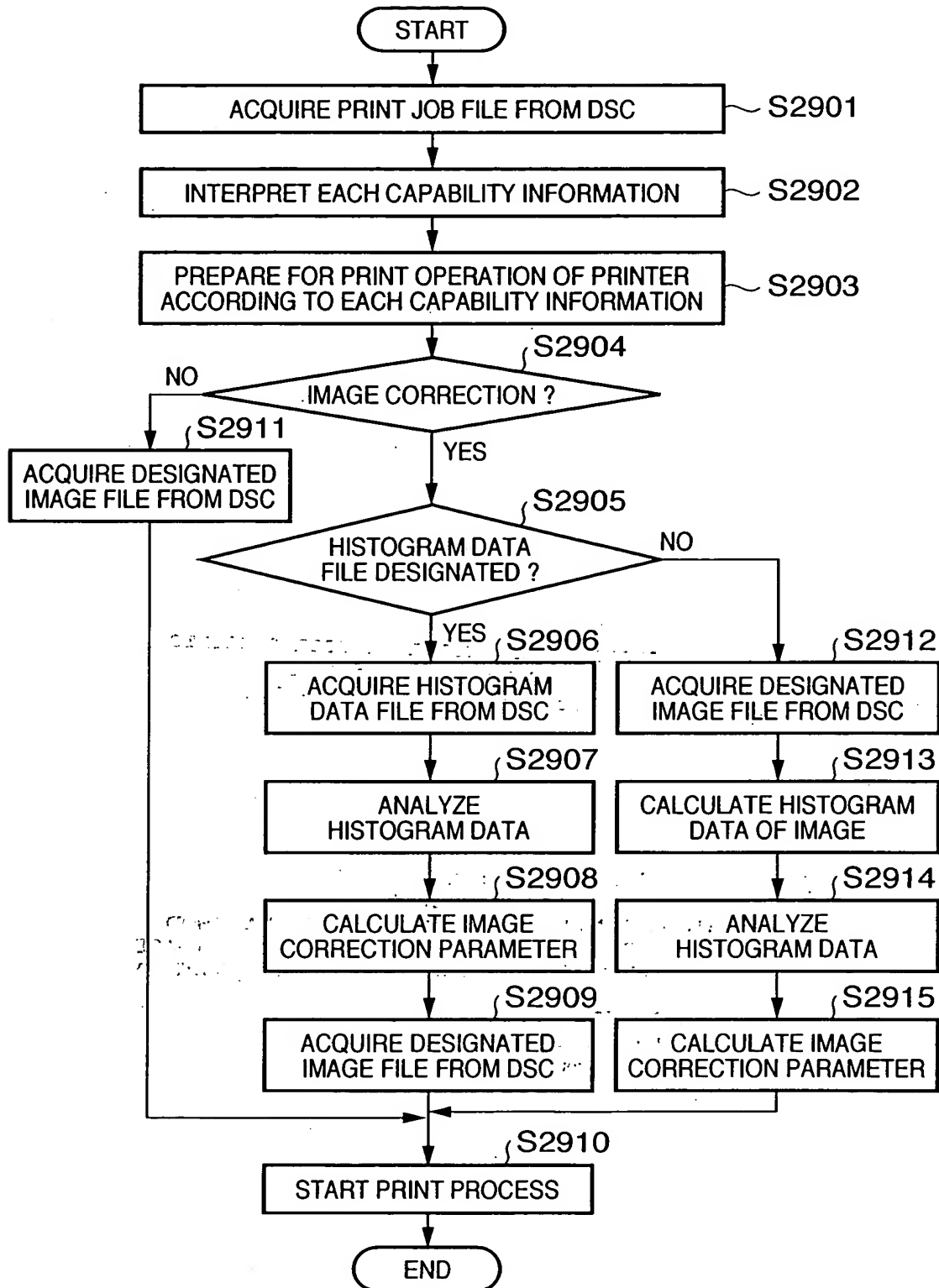


FIG. 31

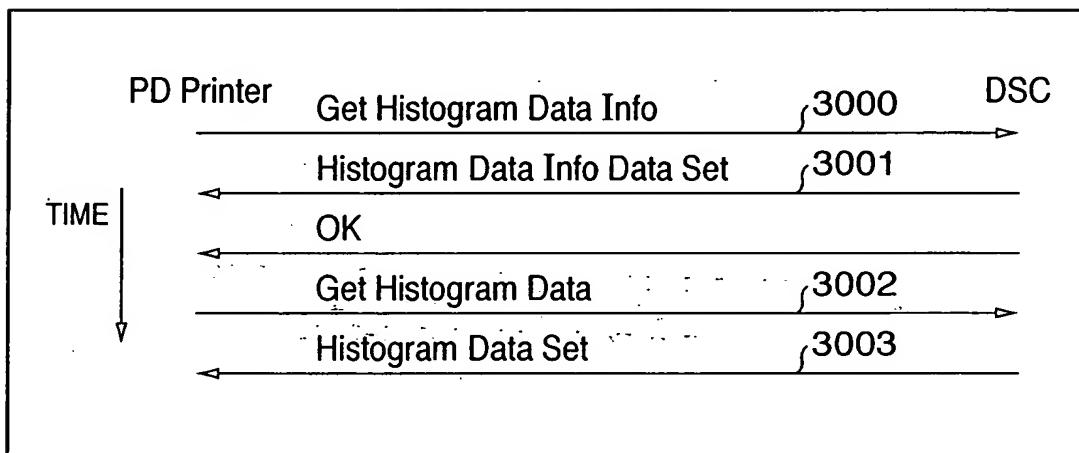


FIG. 32